

Title (en)
PORTABLE WIRELESS TERMINAL

Title (de)
TRAGBARES DRAHTLOSES ENDGERÄT

Title (fr)
TERMINAL SANS FIL PORTABLE

Publication
EP 1511183 A4 20050831 (EN)

Application
EP 03730801 A 20030603

Priority
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• JP 2002237969 A 20020819

Abstract (en)
[origin: EP1511183A1] A portable wireless terminal has a hinge section provided type antenna suitable for a clamshell type which can maintain spacing from a head of a human body and alleviate influence of a hand of a user. The clamshell type portable wireless terminal having an upper housing (10) and a lower housing (20) connected to each other through a hinge has a projection section (30) projecting outward near a hinge section of the lower housing (20). In addition, a built-in antenna is housed in the projection section (30). The built-in antenna has an antenna element (50) in a linear or plate shape. At least a part of the antenna element on an open end side is disposed at a position which is hardly to be covered by the hand or finger of the user when the user uses the terminal. <IMAGE>

IPC 1-7
H04B 1/38; **H01Q 1/00**

IPC 8 full level
H01Q 1/08 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/36** (2006.01); **H04M 1/02** (2006.01)

CPC (source: EP KR US)
H01Q 1/084 (2013.01 - EP US); **H01Q 1/243** (2013.01 - EP US); **H04B 1/38** (2013.01 - KR)

Citation (search report)
• [X] WO 9943041 A1 19990826 - QUALCOMM INC [US]
• [A] WO 0203665 A1 20020110 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09 4 September 2002 (2002-09-04) & EP 1309156 A1 20030507 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• See references of WO 03103173A1

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EP2257033A1; US8902107B2; US8633864B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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